

Title (en)  
Elevator

Title (de)  
Aufzug

Title (fr)  
Ascenseur

Publication  
**EP 2990370 B1 20170614 (EN)**

Application  
**EP 14183022 A 20140901**

Priority  
EP 14183022 A 20140901

Abstract (en)  
[origin: EP2990370A1] Elevator, which comprises a hoistway (H); an elevator car (1) vertically movable in the hoistway (H); a balancing weight (2) vertically movable in the hoistway (H); a first roping (3) comprising one or more belt-shaped first ropes (r) interconnecting the elevator car (1) and balancing weight (2), each of said one or more ropes (r) passing around one or more first rope wheels (4) mounted in proximity of the upper end of the hoistway (H), each of said one or more first ropes (r) comprising one or more load-bearing members (c), each of which load-bearing members (c) being made of composite material comprising reinforcing fibers (F) embedded in a polymer matrix (m); a second roping (5) comprising one or more toothed belt-shaped second ropes (R) interconnecting the elevator car (1) and balancing weight (2), each passing around one or more second rope wheels (6,7) mounted in proximity of the lower end of the hoistway (H), each of said one or more second ropes (R) comprising one or more load-bearing members (C), each of which load-bearing members being made of composite material comprising reinforcing fibers (F) embedded in a polymer matrix (m); said one or more second rope wheels (6,7) comprising a toothed drive wheel (6) engaging said one or more toothed belt-shaped second ropes (R); and a motor (M) for rotating the drive wheel (6).

IPC 8 full level  
**B66B 11/00** (2006.01); **B66B 7/06** (2006.01)

CPC (source: EP US)  
**B66B 7/062** (2013.01 - EP US); **B66B 7/068** (2013.01 - EP US); **B66B 9/00** (2013.01 - US); **B66B 11/0045** (2013.01 - EP US); **B66B 11/009** (2013.01 - EP US); **B66B 11/08** (2013.01 - US); **B66B 15/02** (2013.01 - US); **B66B 15/04** (2013.01 - US); **D07B 5/006** (2015.07 - EP US); **D07B 1/22** (2013.01 - EP US); **D07B 2501/2007** (2013.01 - EP US)

Cited by  
CN112125105A; EP3677723A4; US10882719B2; WO2019185182A1

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DOCDB simple family (publication)  
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